

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/813,646

Source: IFWD

Date Processed by STIC: 09-28-2005

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 09/28/2005

PATENT APPLICATION: US/10/813,646

TIME: 07:50:58

Input Set : N:\Crf3\RULE60\10813646.raw.txt

Output Set: N:\CRF4\09282005\J813646.raw

SEQUENCE LISTING

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3 (1) GENERAL INFORMATION:
5     (i) APPLICANT: Chuntharapai, Anon
6         Kim, Kyung Jin
7         Love, Richard B.
8         Lu, Ji
9         Stewart, Timothy A.
11    (ii) TITLE OF INVENTION: Type I Interferon Receptor Antibodies
13    (iii) NUMBER OF SEQUENCES: 22
15    (iv) CORRESPONDENCE ADDRESS:
16        (A) ADDRESSEE: Genentech, Inc.
17        (B) STREET: 1 DNA Way
18        (C) CITY: South San Francisco
19        (D) STATE: California
20        (E) COUNTRY: USA
21        (F) ZIP: 94080
23    (v) COMPUTER READABLE FORM:
24        (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
25        (B) COMPUTER: IBM PC compatible
26        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27        (D) SOFTWARE: WinPatin (Genentech)
29    (vi) CURRENT APPLICATION DATA:
C--> 30        (A) APPLICATION NUMBER: US/10/813,646
C--> 31        (B) FILING DATE: 29-Mar-2004
32        (C) CLASSIFICATION:
34    (vii) PRIOR APPLICATION DATA:
W--> 35        (A) APPLICATION NUMBER: US/09/056,461
36        (B) FILING DATE: 07-Apr-1998
W--> 37        (A) APPLICATION NUMBER: 60/058212
38        (B) FILING DATE: 16
40    (viii) ATTORNEY/AGENT INFORMATION:
41        (A) NAME: Love, Richard B.
42        (B) REGISTRATION NUMBER: 34,659
43        (C) REFERENCE/DOCKET NUMBER: P1039P1
45    (ix) TELECOMMUNICATION INFORMATION:
46        (A) TELEPHONE: 650/225-5530
47        (B) TELEFAX: 650/952-9881
48 (2) INFORMATION FOR SEQ ID NO: 1:
50    (i) SEQUENCE CHARACTERISTICS:
51        (A) LENGTH: 7 amino acids
52        (B) TYPE: Amino Acid
53        (D) TOPOLOGY: Linear
55    (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

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57 Arg Trp Asn Arg Ser Asp Glu
58   1           5           7
60 (2) INFORMATION FOR SEQ ID NO: 2:
61   (i) SEQUENCE CHARACTERISTICS:
62       (A) LENGTH: 7 amino acids
63       (B) TYPE: Amino Acid
64       (D) TOPOLOGY: Linear
65   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
66 Ala Trp Asn Ala Ser Ala Ala
67   1           5           7
72 (2) INFORMATION FOR SEQ ID NO: 3:
73   (i) SEQUENCE CHARACTERISTICS:
74       (A) LENGTH: 6 amino acids
75       (B) TYPE: Amino Acid
76       (D) TOPOLOGY: Linear
77   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
78 Glu Glu Ile Lys Leu Arg
79   1           5           6
84 (2) INFORMATION FOR SEQ ID NO: 4:
85   (i) SEQUENCE CHARACTERISTICS:
86       (A) LENGTH: 6 amino acids
87       (B) TYPE: Amino Acid
88       (D) TOPOLOGY: Linear
89   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
90 Ala Ala Ile Ala Leu Ala
91   1           5           6
96 (2) INFORMATION FOR SEQ ID NO: 5:
97   (i) SEQUENCE CHARACTERISTICS:
98       (A) LENGTH: 5 amino acids
99       (B) TYPE: Amino Acid
100      (D) TOPOLOGY: Linear
101   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
102 Arg Ala Glu Lys Glu
103   1           5
108 (2) INFORMATION FOR SEQ ID NO: 6:
109   (i) SEQUENCE CHARACTERISTICS:
110      (A) LENGTH: 5 amino acids
111      (B) TYPE: Amino Acid
112      (D) TOPOLOGY: Linear
113   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
114 Ala Ala Ala Ala Ala
115   1           5
120 (2) INFORMATION FOR SEQ ID NO: 7:
121   (i) SEQUENCE CHARACTERISTICS:
122      (A) LENGTH: 9 amino acids
123      (B) TYPE: Amino Acid
124      (D) TOPOLOGY: Linear
125   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
126 Glu Val His Leu Glu Ala Glu Asp Lys

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130      1          5          9
132 (2) INFORMATION FOR SEQ ID NO: 8:
134      (i) SEQUENCE CHARACTERISTICS:
135          (A) LENGTH: 9 amino acids
136          (B) TYPE: Amino Acid
137          (D) TOPOLOGY: Linear
139      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
141 Ala Val Ala Leu Ala Ala Ala Ala Ala
142      1          5          9
144 (2) INFORMATION FOR SEQ ID NO: 9:
146      (i) SEQUENCE CHARACTERISTICS:
147          (A) LENGTH: 5 amino acids
148          (B) TYPE: Amino Acid
149          (D) TOPOLOGY: Linear
151      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
153 Glu Glu Arg Ile Glu
154      1          5
156 (2) INFORMATION FOR SEQ ID NO: 10:
158      (i) SEQUENCE CHARACTERISTICS:
159          (A) LENGTH: 5 amino acids
160          (B) TYPE: Amino Acid
161          (D) TOPOLOGY: Linear
163      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
165 Ala Ala Ala Ile Ala
166      1          5
168 (2) INFORMATION FOR SEQ ID NO: 11:
170      (i) SEQUENCE CHARACTERISTICS:
171          (A) LENGTH: 6 amino acids
172          (B) TYPE: Amino Acid
173          (D) TOPOLOGY: Linear
175      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
177 Arg His Lys Ile Tyr Lys
178      1          5      6
180 (2) INFORMATION FOR SEQ ID NO: 12:
182      (i) SEQUENCE CHARACTERISTICS:
183          (A) LENGTH: 6 amino acids
184          (B) TYPE: Amino Acid
185          (D) TOPOLOGY: Linear
187      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
189 Ala Ala Ala Ile Tyr Ala
190      1          5      6
192 (2) INFORMATION FOR SEQ ID NO: 13:
194      (i) SEQUENCE CHARACTERISTICS:
195          (A) LENGTH: 6 amino acids
196          (B) TYPE: Amino Acid
197          (D) TOPOLOGY: Linear
199      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
201 His Leu Tyr Lys Trp Lys
202      1          5      6

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204 (2) INFORMATION FOR SEQ ID NO: 14:
206 (i) SEQUENCE CHARACTERISTICS:
207 (A) LENGTH: 6 amino acids
208 (B) TYPE: Amino Acid
209 (D) TOPOLOGY: Linear
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
213 Ala Leu Tyr Ala Trp Ala
214 1 5 6
216 (2) INFORMATION FOR SEQ ID NO: 15:
218 (i) SEQUENCE CHARACTERISTICS:
219 (A) LENGTH: 8 amino acids
220 (B) TYPE: Amino Acid
221 (D) TOPOLOGY: Linear
223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
225 Glu Glu Ile Lys Phe Asp Thr Glu
226 1 5 8
228 (2) INFORMATION FOR SEQ ID NO: 16:
230 (i) SEQUENCE CHARACTERISTICS:
231 (A) LENGTH: 8 amino acids
232 (B) TYPE: Amino Acid
233 (D) TOPOLOGY: Linear
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
237 Ala Ala Ile Ala Phe Ala Thr Ala
238 1 5 8
240 (2) INFORMATION FOR SEQ ID NO: 17:
242 (i) SEQUENCE CHARACTERISTICS:
243 (A) LENGTH: 8 amino acids
244 (B) TYPE: Amino Acid
245 (D) TOPOLOGY: Linear
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
249 Glu Arg Lys Ile Ile Glu Lys Lys
250 1 5 8
252 (2) INFORMATION FOR SEQ ID NO: 18:
254 (i) SEQUENCE CHARACTERISTICS:
255 (A) LENGTH: 8 amino acids
256 (B) TYPE: Amino Acid
257 (D) TOPOLOGY: Linear
259 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
261 Ala Ala Ala Ile Ile Ala Ala Ala
262 1 5 8
264 (2) INFORMATION FOR SEQ ID NO: 19:
266 (i) SEQUENCE CHARACTERISTICS:
267 (A) LENGTH: 6 amino acids
268 (B) TYPE: Amino Acid
269 (D) TOPOLOGY: Linear
271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
273 Asp Glu Lys Leu Asn Lys
274 1 5 6
276 (2) INFORMATION FOR SEQ ID NO: 20:

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278      (i) SEQUENCE CHARACTERISTICS:
279          (A) LENGTH: 6 amino acids
280          (B) TYPE: Amino Acid
281          (D) TOPOLOGY: Linear
283      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
285      Ala Ala Ala Leu Asn Ala
286          1           5       6
288  (2) INFORMATION FOR SEQ ID NO: 21:
290      (i) SEQUENCE CHARACTERISTICS:
291          (A) LENGTH: 6741 base pairs
292          (B) TYPE: Nucleic Acid
293          (C) STRANDEDNESS: Double
294          (D) TOPOLOGY: Linear
296      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
299      GAATTCGTA ACTGGTGGGA TCTGCGGCGG CTCCCAGATG ATGGTCGTCC 50
301      TCCTGGGCGC GACGACCCTA GTGCTCGTCG CCGTGGCGCC ATGGGTGTTG 100
303      TCCGCAGCCG CAGGTGGAAA AAATCTAAAA TCTCCTCAAA AAGTAGAGGT 150
305      CGACATCATA GATGACAACT TTATCCTGAG GTGGAACAGG AGCGATGAGT 200
307      CTGTGCGGAA TGTGACTTTT TCATTCGATT ATCAAAAAAC TGGGATGGAT 250
309      AATTGGATAA AATTGTCTGG GTGTCAGAAAT ATTACTAGTA CCAAATGCAA 300
311      CTTTTCTTCA CTCAAGCTGA ATGTTTATGA AGAAATTAAA TTGCGTATAA 350
313      GAGCAGAAAA AGAAAACACT TCTTCATGGT ATGAGGTTGA CTCATTTACA 400
315      CCATTTTCGA AAGCTCAGAT TGGTCCTCCA GAAGTACATT TAGAAGCTGA 450
317      AGATAAGGCA ATAGTGATAC ACATCTCTCC TGGAACAAAA GATAGTGTTA 500
319      TGTGGGCTTT GGATGGTTTA AGCTTTACAT ATAGCTTACT TATCTGGAAA 550
321      AACTCTTCAG GTGTAGAAGA AAGGATTGAA AATATTTATT CCAGACATAA 600
323      AATTTATAAA CTCTCACCAG AGACTACTTA TTGTCTAAAA GTTAAAGCAG 650
325      CACTACTTAC GTCATGGAAA ATTGGTGTCT ATAGTCCAGT ACATTGTATA 700
327      AAGACCACAG TTGAAAATGA ACTACCTCCA CCAGAAAATA TAGAAGTCAG 750
329      TGTCCAAAAT CAGAACTATG TTCTTAAATG GGATTATACA TATGCAAACA 800
331      TGACCTTTCA AGTTCAATGG CTCCACGCCT TTTTAAAAAG GAATCCTGGA 850
333      AACCATTTGT ATAAATGGAA ACAAAATACCT GACTGTGAAA ATGTCAAAAC 900
335      TACCCAGTGT GTCTTTCTCT AAAACGTTTT CCAAAAAGGA ATTTACCTTC 950
337      TCCGCGTACA AGCATCTGAT GGAAATAACA CATCTTTTTG GTCTGAAGAG 1000
339      ATAAAGTTTG ATACTGAAAT ACAAGCTTTC CTACTTCCTC CAGTCTTTAA 1050
341      CATTAGATCC CTTAGTGATT CATTCCATAT CTATATCGGT GCTCCAAAAC 1100
343      AGTCTGGAAA CACGCCTGTG ATCCAGGATT ATCCACTGAT TTATGAAATT 1150
345      ATTTTTTGGG AAAACACTTC AAATGCTGAG AGAAAAATTA TCGAGAAAAA 1200
347      AACTGATGTT ACAGTTCCTA ATTTGAAACC ACTGACTGTA TATTGTGTGA 1250
349      AAGCCAGAGC ACACACCATG GATGAAAAGC TGAATAAAAG CAGTGTTTTT 1300
351      AGTGACGCTG TATGTGAGAA AACAAAACCA GGAAATGACA AAACTCACAC 1350
353      ATGCCCACCG TGCCAGCAC CTGAACTCCT GGGGGGACCG TCAGTCTTCC 1400
355      TCTTCCCCCC AAAACCCAAG GACACCCTCA TGATCTCCCG GACCCCTGAG 1450
357      GTCACATGCG TGGTGGTGGA CGTGAGCCAC GAAGACCCTG AGGTCAAGTT 1500
359      CAACTGGTAC GTGGACGGCG TGGAGGTGCA TAATGCCAAG ACAAAGCCGC 1550
361      GGGAGGAGCA GTACAACAGC ACGTACCGAG TGGTCAGCGT CCTCACCGTC 1600
363      CTGCACCAGG ACTGGCTGAA TGGCAAGGAG TACAAGTGCA AGGTCTCCAA 1650
365      CAAAGCCCTC CCAGCCCCCA TCGAGAAAAC CATCTCCAAA GCCAAAGGGC 1700
367      AGCCCCGAGA ACCACAGGTG TACACCCTGC CCCCATCCCG GGAAGAGATG 1750

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VERIFICATION SUMMARY

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DATE: 09/28/2005

TIME: 07:50:59

Input Set : N:\Crf3\RULE60\10813646.raw.txt

Output Set: N:\CRF4\09282005\J813646.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:37 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)